said light module having a switch, said switch having a movable element;

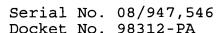
said lamp, said contacts and said switch forming a circuit assembly;

a case at least partially supporting said light module; an activator rotatably connected to said case and disposed about said movable element for moving said movable element about said light module in response to a rotation of said activator;

said activator at a first rotational position
establishing a first disposition of said movable element about
said light module, said switch at said first disposition of said
movable element being at an "off" position and said lamp
extinguished; and

said activator at a second rotational position establishing a second disposition of said movable element about said light module, said switch at said second disposition of said movable element being at an "on" position and said lamp emitting light.

The lighting device of claim 2, wherein said power supply having a voltage is a battery means, said battery means having a positive terminal directly contacting said first contact on said light module and a negative terminal directly contacting



said second contact on said light module, said battery means being supported by said case.

A lighting device according to claim Z, which further includes:

said activator comprising a cam, said cam establishing a deflection of said movable element in response to a rotational disposition of said activator.

A lighting device according to claim \hat{Z} , which further includes:

said activator comprising a cam and a follower, said cam establishing a disposition of said follower in response to a rotational disposition of said activator, said disposition of said follower establishing a deflection of said movable element.

A lighting device according to claim Z, which further includes:

said activator additionally comprising a cam having a first ramp and a second ramp, said first ramp effecting moving said movable element in response to a rotation of said activator in a first rotational direction about said first rotational position of said activator, said second ramp effecting moving said movable element in response to a rotation of said activator in a second rotational direction about said first rotational position of said activator, said first ramp having a slope steeper than said second ramp.

7. A lighting device according to claim 2, which further includes:

said activator at a third rotational position of an angle in a first rotational direction about said first rotational position effecting a first deflection of said movable element, said activator at a fourth rotational position of said angle in a second rotational direction about said first rotational position effecting a second deflection of said movable element different than said first deflection of said movable element.

8. A lighting device according to claim 2, which further includes:

said activator at a third rotational position of an angle in a first rotational direction about said first rotational position effecting a first deflection of said movable element, said activator at a fourth rotational position of a second angle in a second rotational direction about said first position effecting a second deflection of said movable element, a spring connected to said activator, said spring deflected at said third position of said activator, said activator directed by a force from said spring to return to said first rotational position.

%. A lighting device according to claim , which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a



lockout opening at said first rotational position of said activator and movable to a lock position within said lockout opening; and

said activator rotationally fixed relative to said case with said lockout element within said lockout opening.

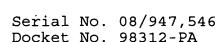
A lighting device according to claim Z, which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a lockout opening at said first rotational position of said activator, said lockout opening in a wall of said case, said lockout element comprising a slider located in a slot of a lever of said activator, said lockout element movable to a lock position within said lockout opening; and

said activator rotationally fixed relative to said case with said lockout element in said lock position.

A lighting device according to claim f, which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a lockout opening at said first rotational position of said activator, said lockout opening in a wall of said case, said lockout element comprising a slider located in a slot of a lever of said activator, said lockout element movable to a lock



position within said lockout opening, said lockout element extending past said wall of said case into an opening in said lever; and

said activator rotationally fixed relative to said case with said lockout element in said lock position.

12. A lighting device according to claim 2, which further includes:

a lockout element attached to said case and movable relative to said case, a spring connected to said lockout element, said spring deflected and applying a force directed to move said lockout element into a lockout opening, said lockout element aligning with said lockout opening at said first rotational position of said activator and movable to a lock position within said lockout opening,; and

said activator rotationally fixed relative to said case with said lockout element in said lock position.

13. A lighting device according to claim 12, which further includes:

a sealing means disposed in an opening between said activator and said case;

upon an external case pressure exceeding an internal case pressure, said sealing means being at a first disposition relative to said opening and withstanding a first pressure

differential between said interior case pressure and said exterior case pressure; and

upon the internal case pressure exceeding the external case pressure, said sealing means being at a second disposition relative to said opening and withstanding a second pressure differential between the internal case pressure and the external case pressure, said second pressure differential being less than said first pressure differential, wherein, in said first disposition, said sealing means prevents ingress of water into the case and in said second disposition, said sealing means allows escape of gas from within said case.

14. A lighting device according to claim 2, which further includes:

said case having an activator wall, a spring compressed approximately between an axis of rotation of said activator and said activator wall and applying a force upon said activator wall.

A lighting device according to claim 2, which further includes:

a threaded element rotatably connected to said case and disposed about said light module for establishing a deflection of said movable element about said light module in response to a rotational disposition of said threaded element.

16. A lighting device according to claim 2, which further includes:

a lens rotatably connected to said case and disposed about said light module for establishing a deflection of said movable element about said light module in response to a rotational disposition of said lens.

A lighting device according to claim 2, which further includes:

said movable element additionally having a linear movement.

18. A lighting device according to claim 2, which further includes:

said movable element comprising a plunger, a spring connected to said light module establishing a position of said plunger.

A lighting device according to claim χ , which further includes:

said activator comprising a shaft and rotatably connected to said case through a hole in said case;

a sealing means disposed in an opening between said activator and said case;

upon an external case pressure exceeding an internal case pressure, said sealing means being at a first disposition relative to said opening and withstanding a first pressure



differential between said interior case pressure and said exterior case pressure; and

upon the internal case pressure exceeding the external case pressure, said sealing means being at a second disposition relative to said opening and withstanding a second pressure differential between the internal case pressure and the external case pressure, said second pressure differential being less than said first pressure differential, wherein, in said first disposition, said sealing means prevents ingress of water into the case and in said second disposition, said sealing means allows the escape of gas from within said case.

A lighting device comprising:

a light module having a lamp, said light module being connected to a power supply having a voltage;

said lamp emitting light in response to the application of at least a first voltage;

said light module having an electrical controller, said electrical controller having a variable resistor and a movable element movable about said light module, said electrical controller applying a selected voltage to said lamp in response to a disposition of said movable element about said light module;

a circuit assembly comprising said lamp and said electrical controller;

a case at least partially supporting said light module;

an activator rotatably connected to said case and disposed about said electrical controller for moving said movable element about said light module in response to a movement of said activator; and

said activator at a plurality of positions establishing a corresponding plurality of dispositions of said movable element about said light module, said electrical controller in response to said plurality of dispositions applying a plurality of voltages greater than said first voltage to said lamp, wherein the intensity of light is progressively increased and controlled.

The lighting device of claim 20, wherein said power supply having a voltage is a battery means, said battery means having a positive terminal directly connected to a first contact on said lamp module and a negative terminal directly connected to a second contact on said lamp module, said battery means being supported by said case.

22. An electrical device according to claim 20, further comprising:

said activator comprising a cam, said cam establishing a deflection of said movable element in response to a rotational disposition of said activator.

23. A lighting device according to claim 20, which further includes:



said activator comprising a cam and a follower, said cam establishing a disposition of said follower in response to a rotational disposition of said activator, said disposition of said follower establishing a deflection of said movable element.

A lighting device according to claim 20, which further includes:

said activator additionally comprising a cam having a first ramp and a second ramp, said first ramp effecting moving said movable element in response to a rotation of said activator in a first rotational direction about an "off" position of said activator, said second ramp effecting moving said movable element in response to a rotation of said activator in a second rotational direction about said "off" position of said activator, said first ramp having a slope steeper than said second ramp.

28. A lighting device according to claim 26, which further includes:

said activator having an "off" position, said activator at a first rotational position of an angle in a first rotational direction about said "off" position effecting a first deflection of said movable element, said activator at a second rotational position of said angle in a second rotational direction about said "off" position effecting a second deflection of said movable element different than said first deflection of said movable element.

26. A lighting device according to claim 20, which further includes:

said activator having an "off" position, said activator at a first rotational position of an angle in a first rotational direction about said "off" position effecting a first deflection of said movable element, said activator at a second rotational position of a second angle in a second rotational direction about said "off" position effecting a second deflection of said movable element, a spring connected to said activator, said spring deflected at said second rotational position of said activator, said activator, said activator directed by a force from said spring to return to said "off" position.

20. A lighting device according to claim 20, which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a lockout opening at an "off" position of said activator and movable to a lock position within said lockout opening; and

said activator rotationally fixed relative to said case with said lockout element within said lockout opening.

A lighting device according to claim 20, which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a

lockout opening at an "off" position of said activator, said lockout opening in a wall of said case, said lockout element comprising a slider located in a slot of a lever of said activator, said lockout element movable to a lock position within said lockout opening; and

said activator rotationally fixed relative to said case with said lockout element in said lock position.

26. A lighting device according to claim 26, which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a lockout opening at an "off" position of said activator, said lockout opening in a wall of said case, said lockout element comprising a slider located in a slot of a lever of said activator, said lockout element movable to a lock position within said lockout opening, said lockout element extending past said wall of said case into an opening in said lever; and

said activator rotationally fixed relative to said case with said lockout element in said lock position.

36. A lighting device according to claim 26, which further includes:

a lockout element attached to said case and movable relative to said case, a spring connected to said lockout element, said spring deflected and applying a force directed to

move said lockout element into a lockout opening, said lockout element aligning with said lockout opening at an "off" position of said activator and movable to a lock position within said lockout opening,; and

said activator rotationally fixed relative to said case with said lockout element in said lock position.

31. A lighting device according to claim 31, which further includes:

a lockout element attached to said case and movable relative to said case, said lockout element aligning with a lockout opening at an "off" position of said activator and movable to a lock position within said lockout opening;

said activator rotationally fixed relative to said case with said lockout element within said lockout opening; and

said lockout element comprising a slider movably located in a slot in a lever of said activator.

32. A lighting device according to claim 20, which further includes:

said case having an activator wall, a spring compressed approximately between an axis of rotation of said activator and said activator wall and applying a force upon said activator wall.

33. A lighting device according to claim 26, which further includes:

a threaded element rotatably connected to said case and disposed about said light module for establishing a deflection of said movable element about said light module in response to a rotational disposition of said threaded element.

34. A lighting device according to claim 20, which further includes:

a lens rotatably connected to said case and disposed about said electrical controller for establishing a deflection of said movable element about said light module in response to a rotational disposition of said lens.

A lighting device according to claim 20, which further includes:

said movable element additionally having a linear movement.

A lighting device according to claim 20, which further includes:

said movable element comprising a plunger, a spring connected to said light module establishing a position of said plunger.

3/1. A lighting device according to claim 20, which further includes:

said activator comprising a shaft and rotatably connected to said case through a hole in said case;

a sealing means disposed in an opening between said activator and said case;

upon an external case pressure exceeding an internal case pressure, said sealing means being disposed at a first disposition relative to said opening and withstanding a first pressure differential between said interior case pressure and said exterior case pressure; and

upon the internal case pressure exceeding the external case pressure, said sealing means being disposed at a second disposition relative to said opening and withstanding a second pressure differential between the internal case pressure and the external case pressure, said second pressure differential being less than said first pressure differential, wherein, in said first disposition, said sealing means prevents ingress of water into the case and in said second disposition, said sealing means allows the escape of gas from within said case.

38. A lighting device according to claim 20, which further includes:

a threaded element rotatably connected to said case and disposed about said electrical controller for establishing a disposition of said movable element about said light module;

said threaded element at a first rotational position establishing a first disposition of said movable element, said





electrical controller in response to said first disposition applying at least said first voltage to said lamp; and

said threaded element at a second rotational position establishing a second disposition of said movable element, said electrical controller in response to said second disposition applying a second voltage greater than said first voltage to said lamp.

A lighting device according to claim 20, which further includes:

said electrical controller comprising a rheostat.

A lighting device comprising:

a light module having a lamp, said light module being connected to a power supply having a voltage;

said lamp emitting light in response to the application of at least a first voltage;

an electrical controller having a movable element and a variable resistor, said electrical controller applying a selected voltage to said lamp in response to a disposition of said movable element;

a circuit assembly comprising said lamp and said electrical controller;

a case at least partially supporting said light module;



a threaded element rotatably connected to said case and disposed about said electrical controller for moving said movable element in response to a rotation of said threaded element; and

said threaded element at a plurality of rotational positions establishing a corresponding plurality of deflections of said movable element, said electrical controller in response to said plurality of deflections applying a plurality of voltages greater than said first voltage to said lamp, wherein the intensity of light is progressively increased and controlled.

41. A lighting device according to claim 40, which further includes:

said threaded element is attached to a lens.

42. A watertight electrical device comprising:

a battery having a voltage;

an electrical element in electrical connection to said battery;

a power control for applying the voltage to said electrical element;

a case in which said battery and said electrical element are disposed said case at least partially supporting said power control;

said power control including an activator comprising a shaft, said activator rotatably connected to said case through a hole in said case;

a sealing means disposed in an opening between said activator and said case;

upon an external case pressure exceeding an internal case pressure, said sealing means being at a first disposition relative to said opening and withstanding a first pressure differential between said interior case pressure and said exterior case pressure; and

upon the internal case pressure exceeding the external case pressure, said sealing means being at a second disposition relative to said opening and withstanding a second pressure differential between the internal case pressure and the external case pressure, said second pressure differential being less than said first pressure differential, wherein, in said first disposition, said sealing means prevents ingress of water into the case and in said second disposition, said sealing means allows the escape of gas from within said case.

43. The device of claim 42, wherein said sealing means is an O-ring seal, said opening between said activator and said case being larger than said O-ring seal, said O-ring seal at said first disposition in said opening having a first seal with a surface of said opening, said O-ring seal at said second disposition in said opening having a second seal with said surface of said opening.

44. The device of claim 42, wherein said sealing means is a ring seal, said ring seal assuming a first contour with said first pressure differential and assuming a second contour with said second pressure differential.

45. A lighting device comprising:

a case supporting a light module having a lamp therein, a battery having a voltage being disposed within said case electrically connected to said lamp, a rheostat being electrically connected in series with said battery and said lamp, said rheostat having a movable plunger attached thereto to change the electrical resistance of said rheostat, said case having a wall formed on an outer surface thereof,

an activator rotatably connected to said case and disposed to rotate over said wall,

said activator being connected to a cam,

means to retain said actuator in a selected position when said actuator is rotated in a first direction,

means to return said actuator to an original position when said actuator is rotated in an opposite second direction,

wherein, when said actuator is rotated, said cam moves said plunger attached to said rheostat and controls the voltage applied to said lamp affecting the intensity of light emitted by said lamp,